

DERWENT-ACC-NO: 1991-275463

DERWENT-WEEK: 200052

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TITLE: Roof lining material - is of spun
bonded nonwoven polyester filaments with a fusible
bonding agent

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; SCHOPS, M ; ZEFASS, K C

PATENT-ASSIGNEE: HOECHST AG[FARH]

PRIORITY-DATA: 1990DE-4008043 (March 14, 1990)

PATENT-FAMILY:

PUB-NO	PAGES	PUB-DATE	
LANGUAGE		MAIN-IPC	
EP 446822 A		September 18, 1991	N/A
000	N/A		
JP 3096311 B2		October 10, 2000	N/A
004	D06N 005/00		
DE 4008043 A		September 19, 1991	N/A
000	N/A		
US 5130178 A		July 14, 1992	N/A
003	B32B 011/02		
JP 04214474 A		August 5, 1992	N/A
004	D06N 005/00		
PT 97025 A		March 31, 1993	N/A
000	D04H 003/16		
EP 446822 B1		June 7, 1995	G
005	D04H 003/16		
DE 59105638 G		July 13, 1995	N/A
000	D04H 003/16		
IE 67658 B		April 17, 1996	N/A
000	D04H 003/16		
EP 446822 B2		June 16, 1999	G
000	D04H 003/16		

DESIGNATED-STATES: AT BE CH DE ES FR GB GR IT LI LU NL SE

AT BE CH DE DK FR GB
GR LI LU NL SE AT BE CH DE DK FR GB GR LI LU NL SE

CITED-DOCUMENTS: EP 176847; EP 242524 ; EP 359165 ; EP
42150 ; EP 49732

APPLICATION-DATA:
PUB-NO

APPL-DESCRIPTOR

APPL-NO

APPL-DATE		
EP 446822A	N/A	
1991EP-0103645	March 9, 1991	
JP 3096311B2	N/A	
1991JP-0049354	March 14, 1991	
JP 3096311B2	Previous Publ.	JP 4214474
N/A		
DE 4008043A	N/A	
1990DE-4008043	March 14, 1990	
US 5130178A	N/A	
1991US-0667888	March 12, 1991	
JP 04214474A	N/A	
1991JP-0049354	March 14, 1991	
PT 97025A	N/A	
1991PT-0097025	March 13, 1991	
EP 446822B1	N/A	
1991EP-0103645	March 9, 1991	
DE 59105638G	N/A	
1991DE-0505638	March 9, 1991	
DE 59105638G	N/A	
1991EP-0103645	March 9, 1991	
DE 59105638G	Based on	EP 446822
N/A		
IE 67658B	N/A	
1991IE-0000844	March 13, 1991	
EP 446822B2	N/A	
1991EP-0103645	March 9, 1991	

INT-CL (IPC): B32B011/02, D04H001/56 , D04H003/14 ,
D04H003/16 ,
D06N005/00 , D06N007/00 , E04D005/02 , E04D013/16

ABSTRACTED-PUB-NO: EP 446822A

BASIC-ABSTRACT:

The carrier web for a roof lining, as a spun bonded
non-woven of polyester and
pref. polyethylene terephthalate filaments, has a weight of

50-100 g/m² with
filaments of 1-8 dtex. They are held together by a melting
bonding agent.

The pref. fabric weight is 70-90 g/m² with pref. filaments
of 2-5 dtex. The
bonding agent is a polymer with a m.pt. 10 deg.C lower than
the filaments of
the non-woven and pref. 30 deg.C lower. The bonding agent
is of polyesters and
pref. polybutylene terephthalate or modified polyesters
with a lowered m.pt.
pref. modified polyethylene terephthalate.

ADVANTAGE - The material has a high strength, partic.
against shearing, giving
good dimensional stability even at high working temps.

ABSTRACTED-PUB-NO: EP 446822B

EQUIVALENT-ABSTRACTS:

The carrier web for a roof lining, as a spun bonded
non-woven of polyester and
pref. polyethylene terephthalate filaments, has a weight of
50-100 g/m² with
filaments of 1-8 dtex. They are held together by a melting
bonding agent.

The pref. fabric weight is 70-90 g/m² with pref. filaments
of 2-5 dtex. The
bonding agent is a polymer with a m.pt. 10 deg.C lower than
the filaments of
the non-woven and pref. 30 deg.C lower. The bonding agent
is of polyesters and
pref. polybutylene terephthalate or modified polyesters
with a lowered m.pt.
pref. modified polyethylene terephthalate.

ADVANTAGE - The material has a high strength, partic.
against shearing, giving
good dimensional stability even at high working temps.

US 5130178A

A support web for roofing membranes comprising a spin
bonded web of
polyethylene terephthalate filaments is new. The

spun-bonded web has a basic wt. of 50-100 g/m2 (pref. 70-90 g/m2) coupled with a filament denier of 1-8 dtex (pref. 2-5 dtex). It is consolidated with a fusible binder (pref. having a m.pt. lower than that of P.E.T filaments) in the form of binder filaments.

USE/ADVANTAGE - The support web has a high tear propagation resistance and nail pullout strength and also good dimensional stability at high temps. It is esp. useful for bitumerised roofing membranes.

CHOSEN-DRAWING: Dwg.0/5 Dwg.0/0

TITLE-TERMS: ROOF LINING MATERIAL SPIN BOND NONWOVEN
POLYESTER FILAMENT FUSE
BOND AGENT

DERWENT-CLASS: A23 A94 F04 P73 Q45

CPI-CODES: A03-C03; A05-E04E; A12-R05; A12-S05G; F02-C01;
F02-C02B1; F04-B02;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0016 0231 1291 3178 1319 1323 1462 1983 1990
2371 2413 2416 2434
2486 2488 2528 2604 2629 2633 2646 2654 2667 2682 2696 2723
2726 2820
Multipunch Codes: 014 04- 143 144 151 155 163 166 169 170
171 173 231 251 326
387 428 430 431 440 443 446 477 481 483 541 542 551 567 571
575 581 596 604 608
609 613 616 664 665

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1991-119357